

This revision outlines changes that have occurred since the printing of your manual. Use this information to supplement your manual.

**REVISION CHANGE:**

Page	Section No.	Section Title	Paragraph	Description
13-95		Diagrams and Parts Lists: Models II and III Exploded View and Exploded View Parts List	Line 38	The part number for the XTS3000 display module has changed. The new part number is 5185633C71. For proper display functionality, please make the following firmware enhancements:  Upgrade XTS3000 with 3.1 to host version R07.22.00 or later. Upgrade XTS3000 with 5.1 to host version R06.22.00 or later.

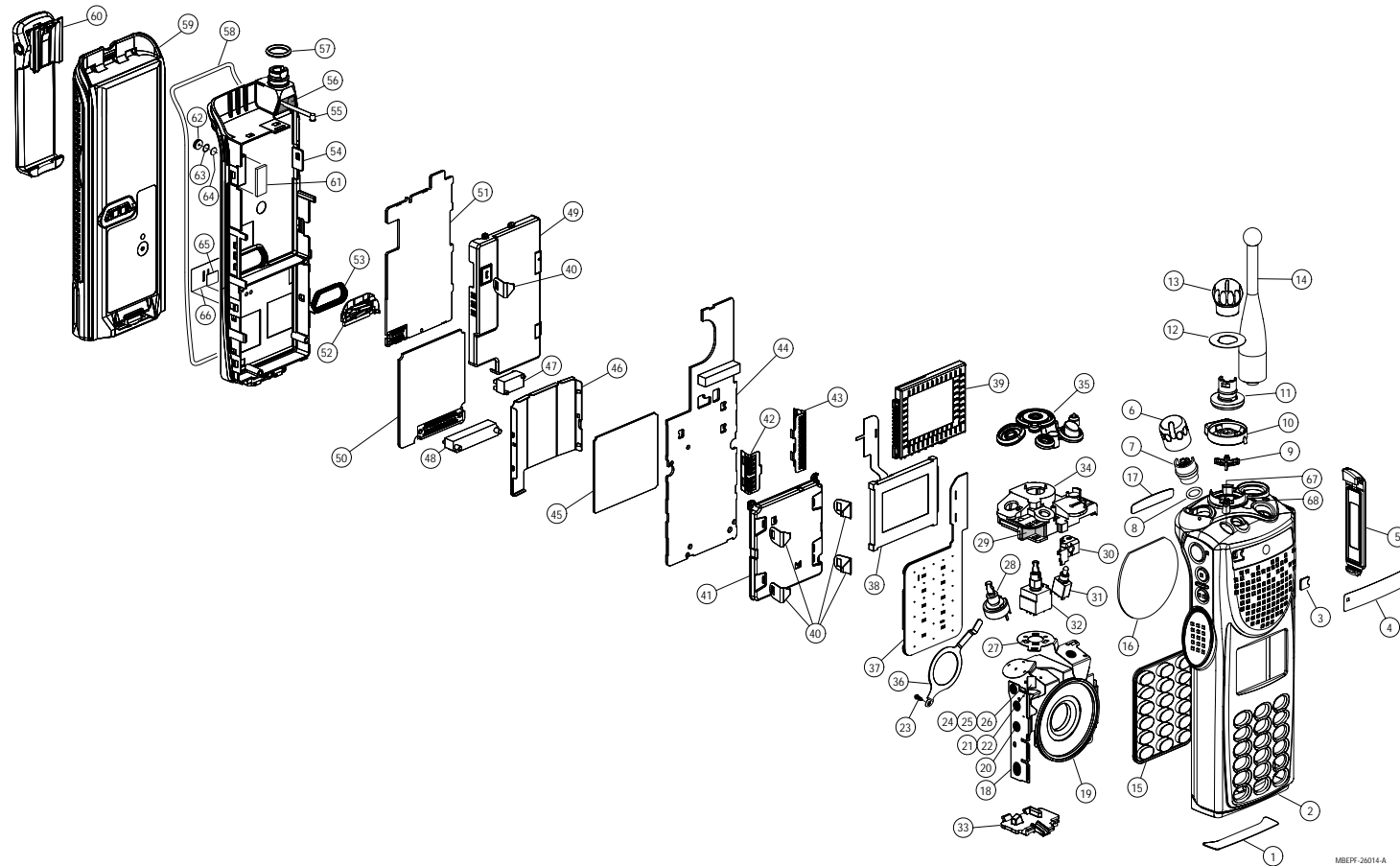




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Models II and III Exploded View Parts List

ITEM	MOTOROLA PART NUMBER	DESCRIPTION
1	3305630Z01	LABEL, Motorola Bottom
2	1585506D03 or 1585507D06 or 1585507D08 or 1585506D04 or 1585507D07 or 1585507D09	ASSEMBLY, Model III Housing (See Note 1) ASSEMBLY, Model III Housing (R Model) (See Note 1) ASSEMBLY, Model III Housing (Yellow R Model) (See Note 1) ASSEMBLY, Model II Housing (See Note 1) ASSEMBLY, Model II Housing (R Model) (See Note 1) ASSEMBLY, Model II Housing (Yellow R Model) (See Note 1)
3	3505586Z02 or 3585626B01	GRILLCLOTH, Microphone Front MESH, Microphone Front (R Models)
4	3385619B01 or 3385619B02 or 3385619B03	LABEL, Motorola Front LABEL, Motorola Front (R Models) LABEL, Motorola Front (Yellow R Models)
5	1505579Z01	COVER, Accessory Connector
6	3605371Z01	KNOB, Volume
7	4305372Z01	INSERT, Volume Knob Retainer
8	3205379W01	O-RING, Volume Torque
9	6105376Z01	LIGHTPIPE, Indicator
10	4505375Z01	LEVER, Secure
11	4305373Z02	INSERT, Frequency Knob Retainer
12	1305374Z03	ESCUTCHEON, Frequency Dial
13	3605370Z01	KNOB, Frequency
14	NAD6563_ or NAD6566_ or NAD6567_ or NAD6568_ or NAE6546_ or NAE6547_ or NAE6548_ or NAE6549_ or NAF5037_ or NAF5039_ or NAF5042_	ANTENNA, VHF Wideband Helical (136-174MHz) ANTENNA, VHF Helical (136-151MHz) ANTENNA, VHF Helical (151-162MHz) ANTENNA, VHF Helical (162-174MHz) ANTENNA, UHF Helical (403-435MHz) ANTENNA, UHF Helical (435-470MHz) ANTENNA, UHF Helical (470-512MHz) ANTENNA, UHF Wideband Whip (403-520MHz) ANTENNA, 800MHz Whip (806-870MHz) ANTENNA, 800MHz Dipole (806-870MHz) ANTENNA, 800MHz Stubby Quarterwave (806-870MHz)
15	7505293Z01 or 7505293Z02 or 7585696A01 or 7585696A02	KEYPAD, Model III KEYPAD, Model III (R Models) KEYPAD, Model II KEYPAD, Model II (R Models)
16	3505340Z02	MESH, Speaker
17	3305574Z01 or 3305574Z02	LABEL, Motorola Back LABEL, Motorola Back (Yellow R Models)
18	0105956V33	ASSEMBLY, Controls Universal Flex (includes items 19 thru 22, 24 thru 28, and 30 thru 32)
19	5085962A03 or 5085962A05	SPEAKER (part of item 18) SPEAKER (part of item 18) (R Models)
20	3905667Z02	POPPLES, PTT and Side Button (part of item 18)
21	-----	MICROPHONE, Electret (part of item 18) (Not Field Replaceable)
22	-----	CAPACITOR, 56pF (part of item 18) (Not Field Replaceable)
23	0300140332	SCREW, Tapping - 28 x 3/16
24	0660076A93	RESISTOR, 68kΩ (part of item 18)
25	0660076A96	RESISTOR, 91kΩ (part of item 18)
26	0660076B05	RESISTOR, 150kΩ (part of item 18)
27	4805729G63	LED, Green/Red (5 req'd) (part of item 18)
28	1805629V04	POTENTIOMETER, Volume (part of item 18)
29	7505748Z01	PAD, Microphone Boot (non-R models)
30	1405332Z01 or 1486164A01	BOOT, Microphone Boot (part of item 18) BOOT, Microphone Boot (part of item 18) (R Models)
31	4005572W04	SWITCH, Toggle, 3 Pos. A/B/C (part of item 18)
32	4002622J04	SWITCH, Frequency (part of item 18)
33	0705357Z01	BRACKET, Controls Bottom
34	0705352Z02	BRACKET, Controls
35	3205354Z04	SEAL, Controls
36	4205338Z02	RETAINER, Speaker



Models II and III Exploded View and Parts List

- Notes:** 1. The 1585507D07 and 1585507D09 ruggedized housing assemblies are **not** interchangeable with the 1585506D04 standard housing assembly. The 1585507D06 and 1585507D08 ruggedized housing assemblies are **not** interchangeable with the 1585506D03 standard housing assembly.  
2. The NCN6167\_ Controller Board is **not** interchangeable with the NCN6128\_ Controller Board.



Caution

Depending on the ruggedized casting (54) configuration (two or four hole vent port), use the appropriate vent port seal (65) as indicated in this parts list.

37	NTN8311_ or NTN8493_	KIT, Keypad Flex Assembly, Model III KIT, Keypad Flex Assembly, Model II
38	5185633C71 <sup>a</sup>	MODULE, LCD
39	7505336Z01	PAD, Display Locator
40	4205631Z01	CLIP, Control Locking
41	2605342Z01	SHIELD, Controller Front
42	0705330Z01	BRACKET, Flex Attach Display
43	0705368Z01	BRACKET, Flex Attach Keypad
44	NCN6128_ or NCN6167_	KIT, Controller Board (See Note 2) KIT, Controller Board (See Note 2)
45	NTN8253B or NTN8254B or NTN8255A or NTN8256B or NTN8257B or NTN8258A or NTN8259A or NTN8260B or NTN8261B or NTN8326A or NTN8328A or NTN8329A or NTN8330A or NTN8331A or NTN8418A or PLN7748A or PLN7750A	KIT, DES Encryption Board KIT, DES-XL Encryption Board KIT, DES-OFB Encryption Board KIT, DVI-XL Encryption Board KIT, DVP-XL Encryption Board KIT, DES-OFB and DES-XL Encryption Board KIT, DES-OFB and DVP-XL Encryption Board KIT, DES-XL and DVP-XL Encryption Board KIT, DVP-XL and DVI-XL Encryption Board KIT, DES-OFB and DVI-XL Encryption Board KIT, DVP Encryption Board KIT, DVI-XL and DVP Encryption Board KIT, DVP and DES-XL Encryption Board KIT, DVP and DVP-XL Encryption Board KIT, DES-OFB and DES Encryption Board DVI-XL Variant Tag8 Variant Tag6
46	2605344Z01	SHIELD, Vocoder with Insulators
47	2805216Z03	CONNECTOR, Compression, 20-Pin
48	2805214Z03	CONNECTOR, Compression, 50-Pin
49	2605343Z07	SHIELD, 800MHz with Insulator
50	NTN8250_ NUF6472_ or NLE4249_ or NLE4250_ or NLD8898_	KIT, Vocoder Board KIT, 800MHz RF Board KIT, UHF Range 1 RF Board KIT, UHF Range 2 RF Board KIT, VHF RF Board
52	0905585Z02 or 0905585Z03	ASSEMBLY, B+ ASSEMBLY, B+ (R Models)
53	3205351Z02	SEAL, B+
54	1505348Z01 or 1505348Z10	ASSEMBLY, Casting ASSEMBLY, Casting (R Models, 4-Hole Vent Port)
55	3005664Z01	ASSEMBLY, Coaxial Cable
56	7505487Z01	PAD, Coax
57	3205082E96	GASKET, O-Ring Bushing
58	3205349Z03 or 3205349Z04	SEAL, Main SEAL, Main (R Models)
59	NTN8294_ or NTN8298_ or NTN8297_	BATTERY, NiCd BATTERY, NiMH BATTERY, NiCd (Ruggedized)
60	NTN8266_	KIT, Belt Clip
61	7505922Z01	PAD, Thermal
62	0286165A03	NUT, Spanner
63	3205300V01	SEAL, O-Ring
64	3205472M03	SEAL, Port (No longer used.)
65	3285877B01 or 3285877B02	SEAL, Port (R Models, 2-Hole Vent Port) SEAL, Port (R Models, 4-Hole Vent Port)
66	3385873B01	LABEL, Seal
67	3385657D01 or 3385657D02	LABEL, ABC, Black Housing (optional—need if housing is not pad printed) LABEL, ABC, Yellow Housing (optional—need if housing is not pad printed)
68	3385658D01 or 3385658D02	LABEL, Toggle, Black Housing (optional—need if housing is not pad printed) LABEL, Toggle, Yellow Housing (optional—need if housing is not pad printed)

- a. For proper display functionality, please note the following:  
For 3.1, upgrade host version to R07.22.00 or later.  
For 5.1, upgrade host version to R06.22.00 or later.

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